

## SCHOTTKY RECTIFIER DIODES, AXIAL, GLASS

ISI Part Number	Maximum Average Rectified Current at T <sub>a</sub>		Peak Inverse Voltage (PIV) (V)	Peak Forward Surge Current @ 8.3ms Superimposed (I <sub>FSM</sub> ) (Amps)	Maximum Fwd Voltage @ Rated I <sub>F</sub> & T <sub>a</sub> = 25°C (V <sub>FM</sub> ) (Volts)	Maximum Reverse Current @ T <sub>a</sub> = 25°C (I <sub>R</sub> ) (mA) (V <sub>R</sub> ) (V)		Typical Junction Capacitance at 1.0 MHz (C) (pF) (V <sub>J</sub> ) (V)		Package Quantities Bulk/Reel	Outline Inches/millimeters
	I <sub>F</sub> (A)	T <sub>a</sub> (°C)				I <sub>R</sub> (mA)	V <sub>R</sub> (V)	C (pF)	V <sub>J</sub> (V)		
1N5711 C8510 C8511	10 mA	75	70 20 20		@ 1.0 mA 0.41	200 100 150 (nA)	50 15 16	2.0 0		<p>DO-35</p>	
SD101A SD101B SD101C		90	60 50 40	2.0	1.00 @ 5mA 0.95 @ 15mA 0.90 @ 15mA	0.20 40 30 (uA)	50 40 30	2.0 2.1 2.2	4.0		
1N6263	15 mA	75	60	2.0	1.0	200 (nA)	50				
SD103A SD103B SD103C	0.2	90	40 30 20	15	0.6	0.20 0.10 0.15 (uA)	40 20 10	2.0 2.1 2.2	4.0		

## SCHOTTKY RECTIFIER DIODES, AXIAL, PLASTIC

ISI Part Number	Maximum Average Rectified Current at T <sub>a</sub>		Peak Inverse Voltage (PIV) (V)	Peak Forward Surge Current @ 8.3ms Superimposed (I <sub>FSM</sub> ) (Amps)	Maximum Fwd Voltage @ Rated I <sub>F</sub> & T <sub>a</sub> = 25°C (V <sub>FM</sub> ) (Volts)	Maximum Reverse Current @ T <sub>a</sub> = 25°C (I <sub>R</sub> ) (mA) (V <sub>R</sub> ) (V)		Typical Junction Capacitance at 1.0 MHz (C) (pF) (V <sub>J</sub> ) (V)		Package Quantities Bulk/Reel	Outline Inches/millimeters
	I <sub>F</sub> (A)	T <sub>a</sub> (°C)				I <sub>R</sub> (mA)	V <sub>R</sub> (V)	C (pF)	V <sub>J</sub> (V)		
1N5817 1N5818 1N5819	1.0	90	20 30 40	25	.45 .55 .60	1.0	20 30 40	110		<p>DO-41</p>	
SR102 SR103 SR104 SR105 SR106 SR107 SR108 SR109		90	20 30 40 50 60 70 80 90	40	.570 .570 .570 .700 .700 .850 .850 .850	1.0	20 30 40 50 60 70 80 90	110 110 110 80 80 60 60 60	4.0		
1N5820 1N5821 1N5822	3.0	90	20 30 40	80	.475 .500 .525	2.0	20 30 40	250 110		<p>DO-201AD</p>	
SR302 SR303 SR304 SR305 SR306 SR307 SR308 SR309			20 30 40 50 60 70 80 90	80	.570 .570 .570 .700 .700 .850 .850 .850	2.0	20 30 40 50 60 70 80 90	300 300 300 250 250 250 250 250	4.0		
SR502 SR503 SR504 SR505 SR506 SR507 SR508 SR509	5.0	90	20 30 40 50 60 70 80 90	150	.570 .570 .570 .700 .700 .850 .850 .850	1.0	20 30 40 50 60 70 80 90	500 500 500 380 380 300 300 300	4.0	500/1250	
SD830 SD840 SD845 SD850 SR860 SD880 SD8100	8.0	90	30 40 45 50 60 80 100	40	.620 .620 .620 .620 .620 .750 .750	1.0	30 40 45 50 60 80 100	660 660 660 575 575 440 440	4.0		